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## Varieties of potatoes

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# VARIETIES OF POTATOES.

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C. F. CURTISS.

About two dozen varieties of potatoes were found in the Station root cellar at the beginning of last year. These with other desirable kinds were planted for a comparative test. A piece of ground that had at one time been the site occupied by a house and brick yard was planted with thirty varieties. The ground was not in good condition. Part of it had to be cleared of stumps, stones, and the remains of two brick kilns, a part was old stiff clay soil and the remainder was in blue grass and clover. When all cleared it gave a rectangular plat containing 3.30 acres. A part had been fall plowed. All was deeply cultivated and well harrowed before planting. The potatoes were cut two and three eyes to each piece and planted four inches deep with an Aspinwall potato planter six to ten inches apart in drills from April 24 to May 6, as shown by the table on the following page.

After the planting was done the ground was rolled and remained in this condition for a week, when it was harrowed. The potatoes were cultivated as soon as they came up with the Albion small shovel shallow running cultivator and harrowed with the A shaped harrow described in giving the method of corn culture. After the first time over deep cultivation was given until the last, the same as in cultivating the corn. This method was employed, because it seemed adapted to the conditions of the past season and of course it would not be suitable under all conditions. The crop was in excellent condition during the entire season, and the yield would have been higher but for the variable condition of the soil. The digging of all but the early varieties was done from October 10th to 15th. Many of the varieties included in this list are of inferior and common grade. Of the early varieties, the Early Ohio and Everitt Six Week did the best; the latter

VARIETIES.	Time of planting.	Yield.	Time of ripening and other characteristics.
1. Early Ohio.....	April 24	216.	Medium size, moderately smooth, ripens early.
2. Ben Harrison.....	"	239.4	Small. Ripened early.
3. New Queen.....	"	169.	Long, slender, irregular shape.
4. New Champion.....	"	182.4	Long, rough, irregular shape.
5. Dictator.....	"	144.4	Medium size, rough skin, shallow eyes.
6. Rural New Yorker No. 2.....	"	148.	Long, shallow eyes, vigorous grower. Ripens late.
7. Cream City.....	April 25	148.	Medium size, round, smooth.
8. Ideal.....	"	193.8	Deep eye, late, heavy top.
9. Early King.....	"	159.8	Medium size, shallow eye, fairly early.
10. Minister.....	"	166.5	Fairly early. Size and shape medium.
11. Rodger's Seedling.....	"	121.	Very large potato. Shallow eye—late.
12. Blue Victor.....	"	113.5	Medium size, somewhat rough skin.
13. Bus Barn.....	"	211.5	Large potato; heavy grower.
14. Groceryman.....	"	154.7	Medium size, rough skin.
15. Mam. White Chief.....	"	91.	Small and rough.
16. O. K. Mammoth.....	April 27	102.6	Medium size. Not vigorous appearing.
17. Mrs. Foraker.....	"	205.2	Very smooth; uniform; rather early.
18. Beauty of Hebron.....	"	125.4	Fair size.
19. Peach blow seedling.....	"	193.8	Large, long, rather deep eye. Made strong growth.
20. Star of the West.....	"	249.7	Medium size, smooth, blue skin. Ripened early.
21. Connecticut.....	"	136.5	Even and smooth. Heavy tops.
22. Northern Spy.....	"	158.9	Medium Size—uneven.
23. Everitt.....	"	147.	" " —common.
24. Foletts No. 27.....	"	136.5	Small.
25. " " 18.....	"	91.	"
26. " " 1.....	"	91.	"
27. Late Rose.....	May 6	159.	Large; rough skin, deep eyes.
28. Green Mountain.....	"	227.	Medium size; round, rough skin.
29. Early Orange Blossom.....	"	136.5	Medium; round and smooth.
30. Everitt, six weeks.....	April 27	134.2	Small early potato.

is the earlier, but does not yield as good a potato as the former. The Early King is also promising, but ripened a little later. Of the late varieties Rural New Yorker No. 2 was the finest potato we had. The Bus Barn and Green Mountain yielded better, but the potatoes were not as good. The Rogers Seedling is very large and nice, and the Mrs. Foraker ranks among the best.